

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	"10/797004"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:25
S3	1	S2 and co2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:26
S4	1	S2 and "co.sub.2"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:26
S5	7	((("co.sub.2" or co2 or carbon dioxide) and quantity and detecting).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 12:05
S6	17	((("co.sub.2" or co2 or carbon dioxide) and quantity and (detect or detection or detecting)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:29
S7	0	("co.sub.2" or co2 or carbon dioxide).ab. and "506".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:30
S8	143	("co.sub.2" or co2 or carbon dioxide).ab. and "507".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:31
S9	92	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore or detect\$)).ab. and "507".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:36
S10	110	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore or detect\$)).ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 08:50
S11	7	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore) and detect\$).ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:40
S12	11	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore) and detect\$).ab. and "422".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:42
S13	63	((("co.sub.2" or co2 or carbon dioxide) and ph).ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:42
S14	30	((("co.sub.2" or co2 or carbon dioxide) and (detect\$ or measure\$) and ph).ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:05
S15	20	drilling fluid.ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:05

S16	0	((("co.sub.2" or co2 or carbon dioxide) and (detect\$ or measure\$) and drilling fluid).ab. and "436".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:05
S17	0	((("co.sub.2" or co2 or carbon dioxide) and (detect\$ or measure\$) and drilling fluid).ab. and "422".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:05
S18	0	((("co.sub.2" or co2 or carbon dioxide) and (detect\$ or measure\$) and drilling fluid).ab. and "507".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:06
S19	8	((("co.sub.2" or co2 or carbon dioxide) and drilling fluid).ab. and "507".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:06
S20	6	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore) and drilling fluid).ab. and ("507" or "422" or "436").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 17:07
S24	0	(feed and contact\$ and (well or wellbore) and drill\$).ab. and ("422" or "436" or "507").clas. and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 18:34
S25	2	(feed and (well or wellbore) and drill\$).ab. and ("422" or "436" or "507").clas. and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 18:35
S28	44	((well or wellbore) and fluid and drill\$ and (contact\$ or collect\$)).ab. and ("422" or "436" or "507").clas. and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 18:41
S29	3	((("6289714") or ("5319966") or ("5992213")).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 18:40
S30	18	((well or wellbore) and fluid and drill\$ and (contact\$ or collect\$)).ab. and ("73").clas. and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 18:41
S31	100	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore or detect\$)).ab. and "73".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:09
S34	3	((("co.sub.2" or co2 or carbon dioxide) and (well or wellbore) and drill\$ and (measure\$ or quantity or detect\$)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:13
S35	15	((("co.sub.2" or co2 or carbon dioxide) and geolog\$).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:17
S36	17108	((("co.sub.2" or co2 or carbon dioxide)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:06

S37	390968	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:17
S38	1872	S36 and S37	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:18
S39	1	(drill\$ and measure\$).ab. and S38	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:19
S40	17	((well or wellbore) and measure\$).ab. and S38	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:19
S41	3	((("6289714") or ("5319966") or ("5992213"))).FN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 10:31
S42	390968	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:34
S43	1	(inlet stream and outlet stream).ab. and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:09
S45	27	drill\$ same fluid same upward same downward same geolog\$ and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:12
S46	17108	((("co.sub.2" or co2 or carbon dioxide)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:12
S47	0	drill\$ same fluid same upward same downward same geolog\$ and S42 and S46	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:13
S48	0	drill\$ same fluid same upward same downward same geolog\$ same ("co. sub.2" or co2 or carbon dioxide) and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:13
S49	7	injecting with purging with fluid and (collecting or collected or collect) and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:33
S51	643	(inject or injecting) with fluid and (collecting or collected or collect) and S42 and (cell or vessel) and outlet and inlet	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:34
S52	136	(inject or injecting) with fluid and (collecting or collected or collect) and S42 and (cell or vessel) and outlet and inlet and geolog\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:37
S53	2	10/261654	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:51
S55	507	S51 not S52	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:53
S56	397	S51 not S52 and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:57

S57	188	S51 not S52 and @ad<="20040311" and (("co.sub.2" or co2 or carbon dioxide) or ph)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:51
S58	11	S51 not S52 and @ad<="20040311" and (("co.sub.2" or co2 or carbon dioxide)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:58
S59	12	S51 not S52 and @ad<="20040311" and (ph).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:59
S60	2	09/118888	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:27
S61	1	"3685345".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:28
S62	137	((("co.sub.2" or co2 or carbon dioxide) and ph).ab. and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 16:46
S64	28	((("co.sub.2" or co2 or carbon dioxide) and ph).ab. and S42 and carbonate and (oil or geolog\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:53
S65	0	((("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or measure or measurement)).ab. and S42 and carbonate and (oil or geolog\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:54
S66	1	((("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or measure or measurement or measured)).ab. and S42 and carbonate and (oil or geolog\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:54
S68	35	((("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured)).ab. and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 12:06
S69	34	((("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured)).ab. and S42 not S64	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 11:57
S70	0	((("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured)).ab. and S42 and carbonate and (oil or geolog\$)	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:06

S71	0	("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured)).ab. and S42 and (geolog\$ or oil)	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:07
S72	0	("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured) and (geolog\$ or oil)	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:07
S73	168	("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured)	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:47
S74	0	("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured) and oil	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:07
S75	5	("co.sub.2" or co2 or carbon dioxide) and ph and (detect or detection or detected or measure or measurement or measured) and (well or wellbore)	FPRS; EPO; JPO	ADJ	ON	2007/05/01 12:08
S76	1	("5992213").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 12:48
S77	1	jp-62083647-\$.did.	DERWENT	ADJ	ON	2007/05/01 12:49
S78	2	((("5319966") or ("6289714")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/01 13:15
S79	342	73/19.01	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 13:16
S80	281	73/19.01.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 13:16
S81	15	("co.sub.2" or co2 or carbon dioxide) and ph) and S80	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:58
S82	786	(73/19.01).ccls. or (73/152.01).ccls. or (436/25).ccls. or (436/145).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:12
S83	42	S46 and S82	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:13
S84	42	S46 and S82 and @ad<="30040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:48
S85	195	436/145.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:52
S86	273	166/402.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:54
S87	32	166/402.ccls. and ph	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 14:54

S89	1744	("co.sub.2" or co2 or carbon dioxide) same ph same (detect or measure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 15:20
S90	4890	436/30.ccls. or 436/133.cds. or 436/145.cds. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.cds. or 166/402.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:36
S91	53	S89 and S90	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 15:22
S92	4592007	@ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 15:22
S93	44	S91 and S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 15:23
S95	313	("co.sub.2" or co2 or carbon dioxide) and ph and (oil or geolog\$ or wells or wellbore) and (measure or test or determine or quantity or estimate) and S90 and S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 16:05
S96	149	("co.sub.2" or co2 or carbon dioxide) same (measure or test or determine or quantity or estimate) and ph and (oil or geolog\$ or wells or wellbore) and S90 and S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 16:38
S98	53	("co.sub.2" or co2 or carbon dioxide) same (measure or test or determine or quantity or estimate) and ph and (oil or geolog\$ or "wells" or wellbore) and S90 and S92	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/05/01 16:39
S99	11	(US-20030054961-\$ or US-20020168296-\$ or US-20020081231-\$).did. or (US-4397957-\$ or US-5272088-\$ or US-4994117-\$ or US-4299794-\$ or US-6677159-\$ or US-4904603-\$ or US-4851195-\$).did. or (US-3060210-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 16:45
S100	10	("co.sub.2" or co2 or carbon dioxide) and ph and S99	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 16:46
S101	10	(US-20020168296-\$ or US-20020081231-\$ or US-20030054961-\$).did. or (US-4851195-\$ or US-4397957-\$ or US-5272088-\$ or US-4994117-\$ or US-4299794-\$ or US-6677159-\$ or US-4904603-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:16
S102	1	("4003707").FN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 09:17

S103	1	("4200110").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 10:24
S104	1	("4801469").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 10:25
S105	0	monitoring drill mud circulation.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 10:25
S106	0	(monitoring drill mud).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 10:44
S107	2	((("4299794") or ("4904603")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/02 12:03
S108	2	gas and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 10:54
S109	1	scaveng\$ and S101	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 10:55
S110	2	control same ph and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 12:13
S111	2	infrared and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 12:16
S112	0	thermal and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:55
S113	1	measure same pressure and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:58
S114	0	measure same temperature and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:58
S115	1	temperature and S107	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:09
S116	3	temperature and (control or regulate or regulating) and S101	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:15
S117	0	temperature same (control or regulate or regulating) and S101	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:09
S118	1	inert and S110	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:16
S119	75	fell and claude.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 15:22
S120	30	fell and claude.in. and fluids	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 15:22
S121	3	fell and claude.in. and fluids. ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 15:22
S122	11598	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and inert gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:35
S123	1136	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging) same inert gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:35
S124	1136	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging) same (inert gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 13:37

S125	4624	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls. and inert gas same (purge or purging)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:37
S126	42	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls.) and inert gas same (purge or purging)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:37
S127	25	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls.) and inert gas with (purge or purging)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:38
S128	19	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls.) and inert gas with (purge or purging) and @ad<="20040311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:39
S129	15	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls.) and inert gas with (purge or purging) and @ad<="20030311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:45
S130	1	("20040203160").FN.	US-PGPUB; USPAT	OR	OFF	2007/05/09 11:42



S131	1	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls. or 73/190.01.ccls. or "73"" "152".S122.ccls. or 436/25.ccls. or 436/145.ccls.) and inert gas with (purge or purging or evacuate) and @ad<="20030311" not S129	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:48
S132	4	(436/30.ccls. or 436/133.ccls. or 436/145.ccls. or 422/68.1.ccls. or 422/12.ccls. or 73/1.02.ccls. or 73/152.21.ccls. or 175/59.ccls. or 23/306.ccls. or 166/264.ccls. or 166/402.ccls. or 73/190.01.ccls. or "73"" "152".S122.ccls. or 436/25.ccls. or 436/145.ccls.) and inert gas with (purge or purging or evacuate) same ("co.sub.2" or co2 or carbon dioxide) and @ad<="20030311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:51
S133	16	"507".clas. and (purge or purging or evacuating or evacuate or scavenge) with inert gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:53
S134	16	"507".clas. and (purge or purging or evacuating or evacuate or scavenge) with inert gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:54
S135	2	"507".clas. and (purge or purging or evacuating or evacuate or scavenge) with inert gas same ("co.sub.2" or co2 or carbon dioxide)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 11:54
S136	5	("co.sub.2" or co2 or carbon dioxide) and S129	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 12:06
S137	32	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging) with (inert gas) with ("co.sub.2" or co2 or carbon dioxide)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 13:38

S138	21	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging) with (inert gas) with ("co.sub.2" or co2 or carbon dioxide) and @ad<="20030311"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 13:43
S139	16	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging) with (inert gas) same ("co.sub.2" or co2 or carbon dioxide) and @ad<="20030311" not S138	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 13:55
S140	11	(US-20020168296-\$ or US-20020081231-\$ or US-20030054961-\$).did. or (US-4397957-\$ or US-4994117-\$ or US-6677159-\$ or US-5272088-\$ or US-4904603-\$ or US-4299794-\$ or US-4851195-\$ or US-6395560-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/05/09 13:51
S141	5	inert and S140	US-PGPUB; USPAT	ADJ	ON	2007/05/09 13:51
S142	18	("436" or "422" or "73" or "507" or "175" or "23" or "166").clas. and (purge or purging or sweep or sweeping) with (inert gas) same ("co.sub.2" or co2 or carbon dioxide) and @ad<="20030311" not S138 not S139	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 13:56
S143	3	S140 and initial	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 14:49
S144	12	(US-20030054961-\$ or US-20020168296-\$ or US-20020081231-\$).did. or (US-6395560-\$ or US-5272088-\$ or US-4994117-\$ or US-4904603-\$ or US-4851195-\$ or US-4397957-\$ or US-4299794-\$ or US-3986556-\$ or US-6677159-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/26 15:16

S145	25	((("4019862") or ("4851195") or ("3685345") or ("4661459") or ("4397957") or ("4938060") or ("20050126784") or ("6010243") or ("5542474") or ("6063638") or ("5153141") or ("20020061596") or ("5905061") or ("5909779") or ("20040256104") or ("5858791") or ("4214628") or ("20030079912") or ("5319966") or ("5992213") or ("6289714") or ("20020081231") or ("6677159") or ("5272088") or ("20020168296")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 15:23
S146	31	(US-20030054961-\$ or US-20020168296-\$ or US-20020081231-\$ or US-20050126784-\$ or US-20040256104-\$ or US-20030079912-\$ or US-20020061596-\$).did. or (US-6395560-\$ or US-5272088-\$ or US-4994117-\$ or US-4904603-\$ or US-4851195-\$ or US-4397957-\$ or US-4299794-\$ or US-3986556-\$ or US-6677159-\$ or US-6289714-\$ or US-6063638-\$ or US-6010243-\$ or US-5992213-\$ or US-5909779-\$ or US-5905061-\$ or US-5858791-\$ or US-5542474-\$ or US-5319966-\$ or US-5153141-\$ or US-4938060-\$ or US-4661459-\$ or US-4214628-\$ or US-4019862-\$ or US-3685345-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/26 15:24
S151	4	((("4299794") or ("4904603") or ("4397957") or ("4994117")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 15:25
S153	0	("207191642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 15:30
S154	0	("2007191642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 15:45
S155	1	("20070191642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 15:45
S156	1	("4397957").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/28 17:36
S157	2	((("4904603") or ("4299794")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 19:55
S158	0	436/25.ccls. and (detect\$4 with carbon dioxide).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:20

S159	45	"436".clas. and (detect\$4 with carbon dioxide).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 19:56
S160	0	"436".clas. and (detect\$4 with carbon dioxide).ab. and drilling mud	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 19:56
S161	0	(detect\$4 with carbon dioxide).ab. and drilling mud	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 19:56
S162	16	detect\$4 with carbon dioxide and drilling mud	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:17
S163	3	((("6289714") or ("5319966") or ("5992213"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 20:16
S164	0	detect\$4 with carbon dioxide and drilling mud	FPRS; EPC; JPO	ADJ	ON	2007/10/01 20:17
S165	0	(drilling mud).ti. and carbon dioxide	FPRS; EPC; JPO	ADJ	ON	2007/10/01 20:17
S166	33	(drilling mud).ti. and carbon dioxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:18
S167	8	(drilling mud).ab. and carbon dioxide with (measur\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:18
S168	6	436/25.ccls. and (detect\$4 or measur\$4) with carbon dioxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:20
S169	44	436/25-33.ccls. and (detect\$4 or measur\$4) with carbon dioxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:20
S170	10	436/25-33.ccls. and (detect\$4 or measur\$4) with carbon dioxide and drilling mud	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/01 20:21

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